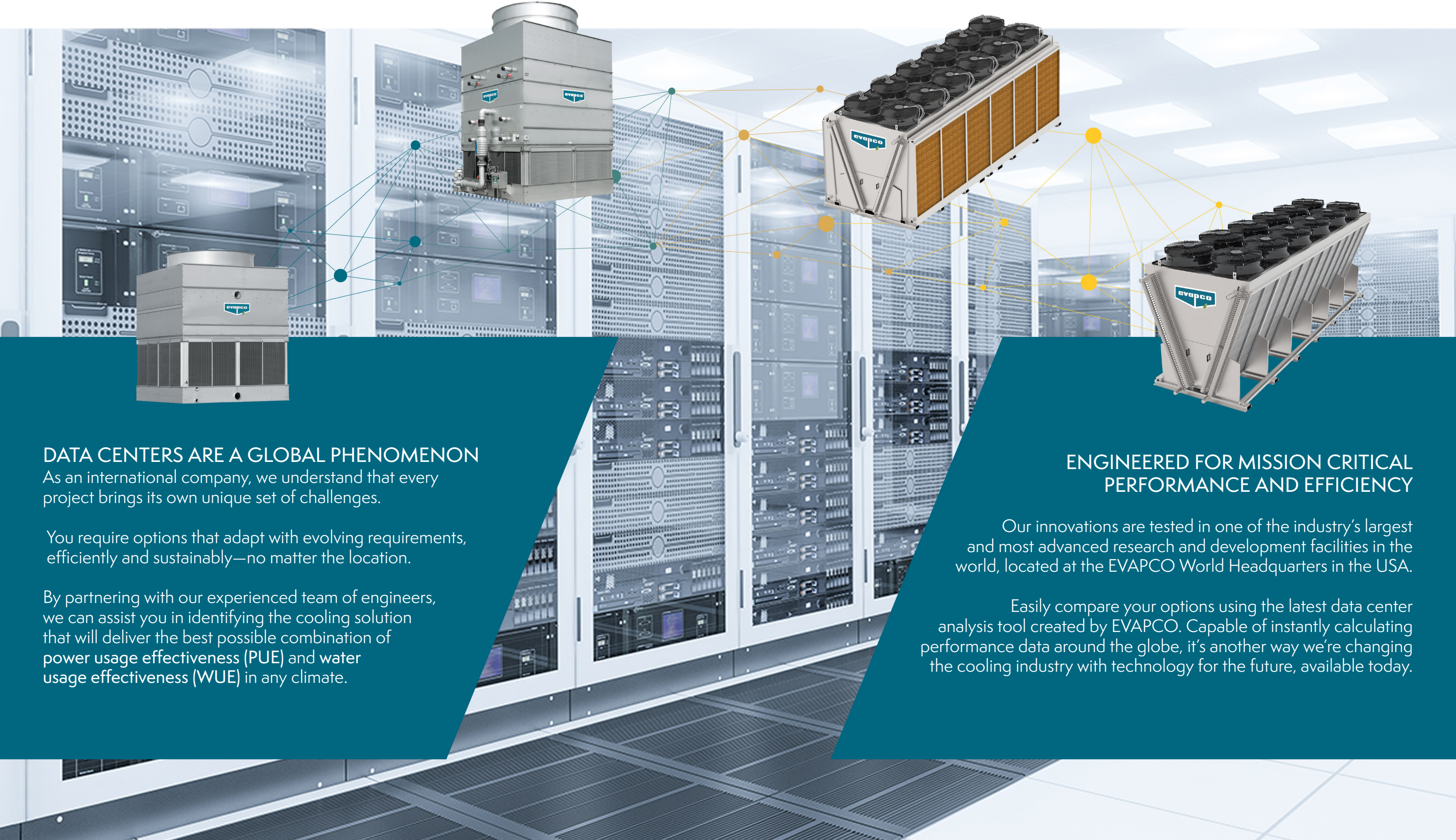


# DATA CENTER COOLING

**evapco**® for LIFE



# FULL SPECTRUM OF GLOBAL SOLUTIONS



## DATA CENTERS ARE A GLOBAL PHENOMENON

As an international company, we understand that every project brings its own unique set of challenges.

You require options that adapt with evolving requirements, efficiently and sustainably—no matter the location.

By partnering with our experienced team of engineers, we can assist you in identifying the cooling solution that will deliver the best possible combination of power usage effectiveness (PUE) and water usage effectiveness (WUE) in any climate.

## ENGINEERED FOR MISSION CRITICAL PERFORMANCE AND EFFICIENCY

Our innovations are tested in one of the industry's largest and most advanced research and development facilities in the world, located at the EVAPCO World Headquarters in the USA.

Easily compare your options using the latest data center analysis tool created by EVAPCO. Capable of instantly calculating performance data around the globe, it's another way we're changing the cooling industry with technology for the future, available today.



18 MW  
CALIFORNIA

## ADAPT TO ANY ENVIRONMENT

Extremely limited water availability meant this customer needed an option beyond traditional evaporative cooling.

EVAPCO eco-Air Adiabatic Coolers were the optimal solution, allowing the site to achieve its ultra low PUE target while consuming a minimal amount of water. Additionally, these coolers offer:

**Low Water Consumption & Maintenance**  
**High Efficiency & Resiliency**

This adiabatic technology can be adapted to almost any location!  
Visit [evapco.com](http://evapco.com) for more details.



### ECO-AIR ADIABATIC COOLER

OPERATION:  
**DRY**

**WET**

ANNUAL DRY BULB DISTRIBUTION

With a custom solution, this site's projected WUE improved significantly!

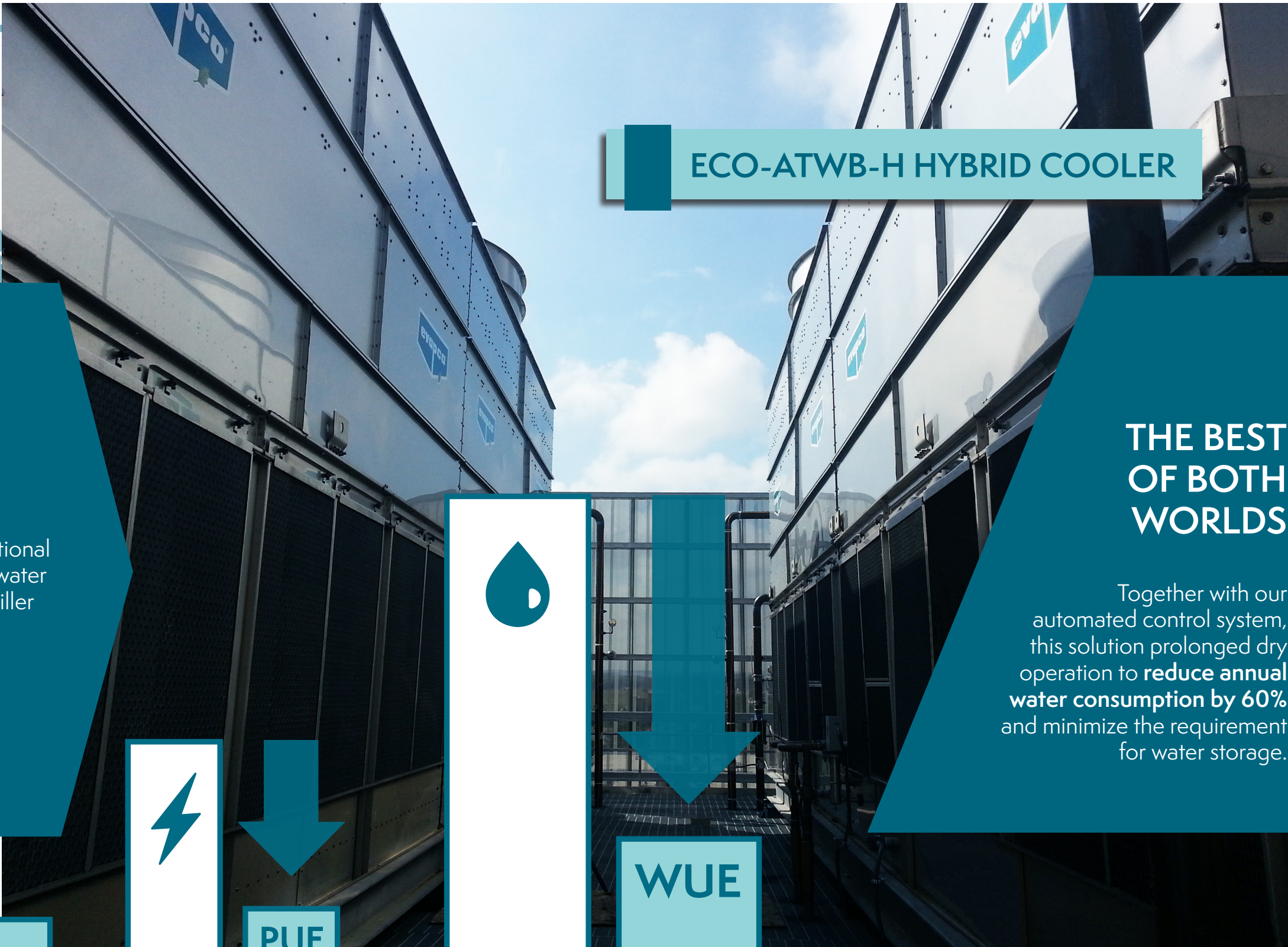
After installation, EVAPCO eco-Air Adiabatic Coolers reduced water consumption by 95% AND eliminated the need for water treatment.

# SAVING WATER





25 MW  
NETHERLANDS



## ECO-ATWB-H HYBRID COOLER

When the local municipality reduced this data center's water supply and implemented escalating penalties to ensure compliance, plans shifted rapidly.

We worked with their designers and identified that our eco-ATWB-H Hybrid Coolers were the ideal solution.

With excellent dry performance, combined with exceptional **free cooling** potential, these units drastically reduced water consumption while virtually eliminating the need for chiller operation.

Contact your local EVAPCO sales representative to learn more about the innovative, highly efficient design of our hybrid options.

## THE BEST OF BOTH WORLDS

Together with our automated control system, this solution prolonged dry operation to **reduce annual water consumption by 60%** and minimize the requirement for water storage.



IMPROVING BOTH PUE AND WUE



PUE



WUE

# GOING HYBRID



## AT ATLAS COOLING TOWER

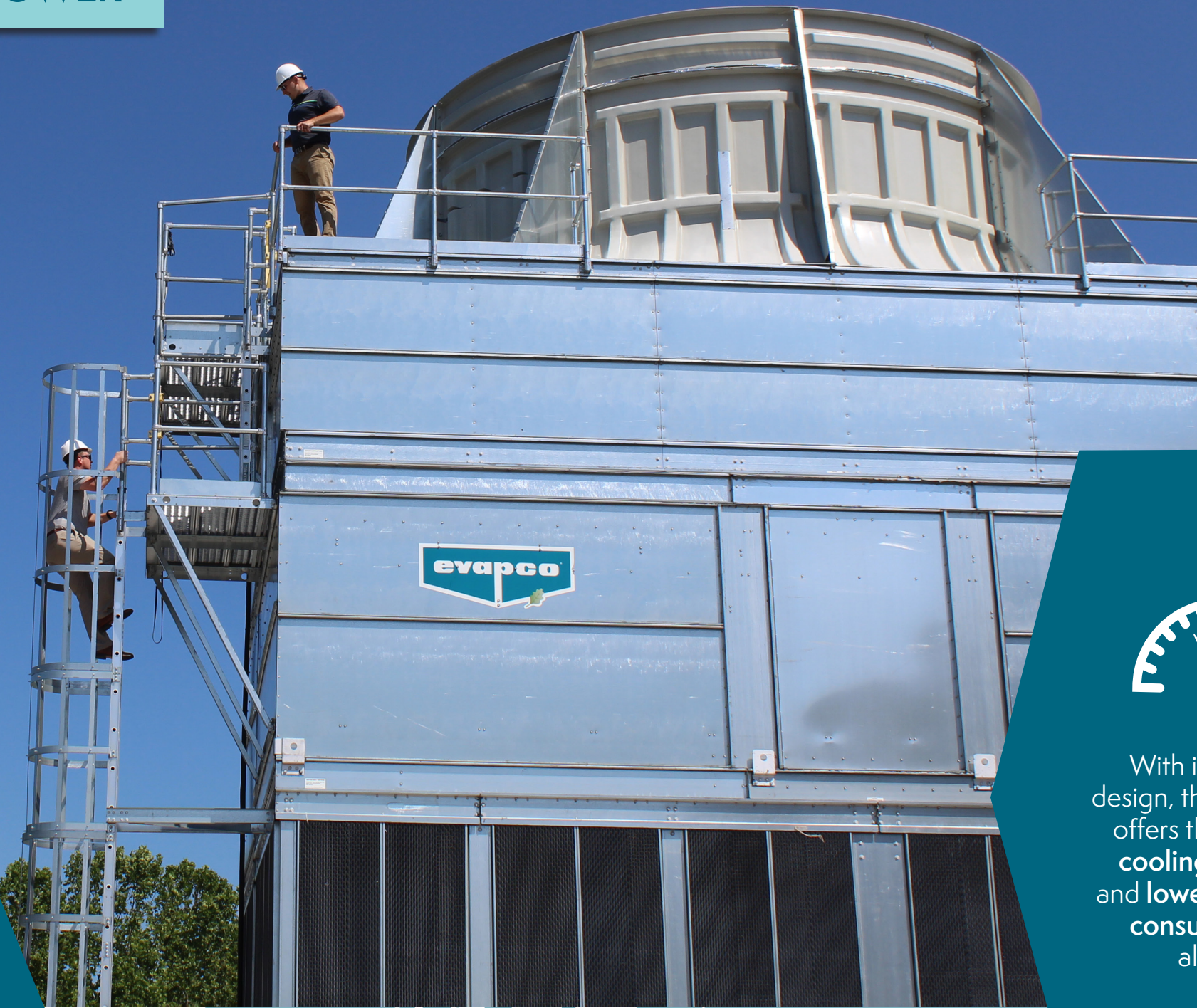
LOWER ENERGY USAGE

### HYPERSCALE SOLUTION

A strictly defined plan area combined with significant cooling requirements (50MW) called for a compact, ultra efficient system. Lead time was also crucial since the data center needed to be operational as quickly as possible.

The AT Atlas modular cooling tower was designed with these challenges in mind. By providing comparable capacity to field-erected units, the site could achieve its low PUE requirements. Faster lead times, as well as fewer piping and electrical connections, allowed multiple cells to be installed quickly.

Compare the Atlas to today's leading cooling options with help from our experienced engineers. Consider the EVAPCO team your partners in providing mission critical cooling.



With its modular design, the AT Atlas offers the **highest cooling capacity** and **lowest energy consumption** of all solutions.

50 MW  
NEW YORK

# OPTIMIZING ENERGY



Staying at the forefront of technology is just as important to us as it is you. In addition to developing sustainable solutions in our state-of-the-art research facility, we've also produced analysis tools to assist you in creating a holistic view of your cooling system.

Our powerful software can optimize your design process by **calculating annualized performance data** for your location and site-specific requirements. We can provide design engineers with a comprehensive range of **water and energy consumption** data to help identify the best cooling solution for any project. You can expect the final analysis to include:

FREE COOLING POTENTIAL  
WATER CONSUMPTION  
COOLER POWER  
CHILLER POWER  
PUMP POWER  
AND MORE



# LEADING THE INDUSTRY WITH TECHNOLOGY

## RESEARCH AND DEVELOPMENT

Tour the Wilson E. Bradley Research and Development Center, one of the largest and most advanced facilities of its kind. Contact your local representative to schedule your visit today.

With our tools, expertise, and global footprint, EVAPCO can help you reach your targets wherever your next data center may be.





# CONTACT US



## EVAPCO, Inc. World Headquarters & Research/ Development Center

P.O. Box 1300 Westminster, MD 21158 USA  
410.756.2600  
marketing@evapco.com  
evapco.com



### North America

#### EVAPCO, Inc. World Headquarters

Westminster, MD USA  
410.756.2600  
marketing@evapco.com

#### EVAPCO East

Taneytown, MD USA  
410.756.2600  
marketing@evapco.com

#### EVAPCO East

Key Building  
Taneytown, MD USA  
410.756.2600  
marketing@evapco.com

#### EVAPCO Midwest

Greenup, IL USA  
217.923.3431  
evapcomw@evapcomw.com

#### EVAPCO West

Madera, CA USA  
559.673.2207  
contact@evapcowest.com

#### EVAPCO Iowa

Lake View, IA USA  
712.657.3223

#### EVAPCO Iowa

Sales & Engineering  
Medford, MN USA  
507.446.8005  
evapcomn@evapcomn.com

#### EVAPCO Newton

Newton, IL USA  
618.783.3433  
evapcomw@evapcomw.com

#### Evapcold Manufacturing

Greenup, IL USA  
217.923.3431  
evapcomw@evapcomw.com

#### EVAPCO Dry Cooling, Inc.

Bridgewater, NJ USA  
908.379.2665  
info@evapcodc.com

#### EVAPCO Dry Cooling, Inc.

Littleton, CO USA  
908.379.2665  
info@evapcodc.com  
Spare Parts: 908.895.3236  
Spare Parts: spares@evapcodc.com

#### EVAPCO Power México S. de R.L. de C.V.

Mexico City, Mexico  
(52) 55.8421.9260  
info@evapcodc.com

#### Refrigeration Vessels & Systems Corporation

*A wholly owned subsidiary of EVAPCO, Inc.*  
Bryan, TX USA  
979.778.0095  
rvs@rvscorp.com

#### EvapTech, Inc.

*A wholly owned subsidiary of EVAPCO, Inc.*  
Edwardsville, KS USA  
913.322.5165  
marketing@evaptech.com

#### Tower Components, Inc.

*A wholly owned subsidiary of EVAPCO, Inc.*  
Ramseur, NC USA  
336.824.2102  
mail@towercomponentsinc.com

#### EVAPCO Alcoil, Inc.

*A wholly owned subsidiary of EVAPCO, Inc.*  
York, PA USA  
717.347.7500  
info@evapco-alcoil.com

### Europe

#### EVAPCO Europe EMENA Headquarters

Tongeren, Belgium  
(32) 12.39.50.29  
evapco.europe@evapco.be

#### EVAPCO Europe BVBA

Tongeren, Belgium  
(32) 12.39.50.29  
evapco.europe@evapco.be

#### EVAPCO Europe, S.r.l.

Milan, Italy  
(39) 02.939.9041  
evapcoeuropa@evapco.it

#### EVAPCO Europe, S.r.l.

Sondrio, Italy

#### EVAPCO Europe GmbH

Meerbusch, Germany  
(49) 2159.69560  
info@evapco.de

#### EVAPCO Europe A/S

*A wholly owned subsidiary of EVAPCO, Inc.*  
Aabybro, Denmark  
(45) 9824.4999  
info@evapco.dk

#### Evap Egypt Engineering Industries Co.

*A licensed manufacturer of EVAPCO, Inc.*  
Nasr City, Cairo, Egypt  
(202) 24044997 / (202) 24044998  
mmanz@tiba-group.com /  
hany@tiba-group.com

#### EVAPCO Middle East DMCC

Dubai, United Arab Emirates  
(971) 4.448.7242  
info@evapco.ae

#### EVAPCO S.A. (Pty.) Ltd.

*A licensed manufacturer of EVAPCO, Inc.*  
Isando, South Africa  
(27) 11.392.6630  
evapco@evapco.co.za

### Asia Pacific

#### EVAPCO Asia Pacific Headquarters

Baoshan Industrial Zone  
Shanghai, P.R. China  
(86) 21.6687.7786  
marketing@evapcochina.com

#### EVAPCO (Shanghai) Refrigeration Equipment Co., Ltd.

Baoshan Industrial Zone, Shanghai, P.R. China  
(86) 21.6687.7786  
marketing@evapcochina.com

#### EVAPCO (Beijing) Refrigeration Equipment Co., Ltd.

Huairou District, Beijing, P.R. China  
(86) 10.6166.7238  
marketing@evapcochina.com

#### EVAPCO Air Cooling Systems (Jiaxing) Company, Ltd.

Jiaxing, Zhejiang, P.R. China  
(86) 573.8311.9379  
info@evapcochina.com

#### EVAPCO Australia (Pty.) Ltd.

Riverstone, NSW Australia  
(61) 02.9627.3322  
sales@evapco.com.au

#### EvapTech Asia Pacific Sdn. Bhd

*A wholly owned subsidiary of EvapTech, Inc.*  
Puchong, Selangor, Malaysia  
(60) 3.8070.7255  
marketing-ap@evaptech.com

### South America

#### EVAPCO Brasil

*Equipamentos Industriais Ltda.*  
Indaiatuba, São Paulo, Brazil  
(55) 11.5681.2000  
vendas@evapco.com.br

#### FanTR Technology Resources

Itu, São Paulo, Brazil  
(55) 11.4025.1670  
fantr@fantr.com